الجمهورية الجزائرية الديمقراطية الشعبية

الديوان الوطني للامتحانات والمسابقات — وزارة التربية الوطنية

دورة: جوان 2012 — امتحان بكالوريا التعليم الثانوي

الشعب (ة): علوم تجريبية، رياضيات، تقني رياضي، تسيير واقتصاد

المـــدة: ساعتان ونصف — اختبار في مادة:اللغة الانجليزية

على المترشح أن يختار أحد الموضوعين التاليين

الموضوع الأول

**PART ONE: Reading** **(15pts)**

**A/ Comprehension** **(08pts)**

***Read the text carefully then do the activities.***

There is a new phrase appearing in business language. It is the concept of Triple Bottom Line, a concept that recognises that there are three legs to the measurement of a company's performance - these being social, environmental and financial. Put in a more friendly way, it is about 'people, planet and profits'. This concept recognises that a company cannot be judged by financial performance alone.

Furthermore, **it** also recognises that the three legs are linked. It is not sufficient, however, just to talk about Triple Bottom Line as a 'fashionable' concept. For those of us who see this concept as the way of the future, it is also necessary to 'walk the talk' and translate this concept into the reality of running a business such as ours.

In business, we have traditionally been taught to only present the Company in the best possible light, particularly to that important group of stakeholders - the customer. It's hard to be honest and self critical in a public way. It's easy to highlight your successes but hard to highlight your failures and your areas for improvement. In the case of a private company, it is also hard to publicly reveal **its** financial information.

Hubbard Foods Ltd. (New Zealand)
'Chief Executive Officer's Statement'

1. **Circle the letter that corresponds to the right answer.**
   **The text is a:** **a.** newspaper article **b.** speech **c.** letter
2. **Are these statements true or false? Write T or F next to the letter corresponding to the statement.**
   **a.** The Triple Bottom Line is a new concept in today's business.
   **b.** Financial profit is the only way to measure a company's performance.
   **c.** The three legs of the Triple Bottom Line are inter-related.
   **d.** It is not easy for a private company to present publicly its financial situation.
3. **Answer the following questions according to the text.**
   **a.** Which aspects does the Triple Bottom Line concept refer to?
   **b.** Does the speaker intend to apply the new concept in the management of his company? Justify.
   **c.** Why is it easier to highlight successes than failures?
4. **In which paragraph is it mentioned that:**
   **a.** The Triple Bottom Line concept should be applied in business management?
   **b.** Managers generally show only the positive sides of their companies?
5. **What or who do the underlined words refer to in the text?**
   **a.** it (§2) **b.** its (§3)

**B/ Text Exploration** **(07pts)**

**1. Find in the text words that are closest in meaning to the following.**

**a.** idea (§1) **b.** enough (§2) **c.** client (§3)

**2. Complete the chart as shown in the example.**

| | Verb | Noun | Adjective |
|---|---|---|---|
| **Example:** | **to perform** | **performance** | **performed** |
| | ...................... | .................... | financial |
| | ...................... | measurement | .................... |
| | to translate | ...................... | .................... |

**3. Join each pair of sentences with one of the connectors from the list. Make any necessary changes.**

in order to - therefore - provided that - because

**a.** -Some companies are unethical.
- It's hard for them to reveal their financial situation.

**b.** - A company will act responsibly.
-It will gain the confidence of its stakeholders.

**4. Classify the following words according to the pronunciation of their final's'.**

legs - profits - recognises - failures - groups - judges

| /s/ | /z/ | /iz/ |
|---|---|---|
| | | |

**5. Reorder the following sentences to make a coherent paragraph.**

**a.** It also contributes to the economic progress of its community.
**b.** to improve its business performance,
**c.** Responsible business conduct allows an enterprise
**d.** make profits, and meet its stakeholders expectations.

**PART TWO: Written Expression** **(05pts)**

Choose **ONE** of the following topics:

**Topic One:** Using the notes below, write a composition of 120 -150 words on the following:
Social responsibility has become an important factor to judge a company's performance.
Being socially responsible involves:
- be ethical/ comply with business regulations
- meet the expectations of the stakeholders (customers, employees, etc.)
- contribute to the general welfare of the community
- preserve the environment

**Topic Two:** Write a composition of 120-150 words on the following:
Food safety is a major issue in our life.
As a well-informed citizen, what daily precautions should you take to stay healthy and avoid the risk of contamination from the various products you consume ?

## الموضوع الثانـــي

**PART ONE: Reading** **(15pts)**

**A/ Comprehension** **(08pts)**

***Read the text carefully and do the activities.***

Quasars are extremely distant objects in our known universe. They are the furthest objects away from our galaxy that can be seen. Quasars are extremely bright masses of energy and light, but because **they** are so far away, they appear as faint red stars to us here on Earth. The name quasar is actually short for quasi-stellar object.

A quasar is believed to be a super massive black hole surrounded by an accretion disk, which is a flat, disk-like structure of gas that rapidly spirals around a larger object, like a black hole. A quasar gradually attracts this gas and sometimes other stars or even small galaxies with their super strong gravity. When **these objects** get sucked into the black hole, the result is a massive collision that causes a gigantic explosive output of radiation energy and light. This results in a flare, which is a distinct characteristic of quasars.

Once the light and radiation from these galaxies and stars are absorbed into a black hole, they travel billions of light years through space. When **we** look at quasars which are 10-15 billion light years away, we are looking 10-15 billion years into the past.

Astronomyforkids.com

**1. Circle the letter that corresponds to the right answer.**

**The text is:** **a.** narrative **b.** descriptive **c.** argumentative

**2. Write the letter which corresponds to the right answer.**

**A.** Quasars are……………………….

- **a.** the nearest objects to our galaxy.
- **b.** not very far from our galaxy.
- **c.** the most distant objects from our galaxy.

**B.** A quasar…………a disk- like structure of gas.

- **a.** attracts **b.** releases **c.** emits

**C.** Quasars are……………………….

- **a.** 10 -15 billion miles away.
- **b.** 10 -15 million light years away.
- **c.** 10 - 15 billion light years away.

**3. Answer the following questions according to the text.**

- **a.** Why do quasars appear to us as faint red stars?
- **b.** What effect does the massive collision of matter have?
- **c.** How is the distance in the outer space measured?

**4. Choose the general idea of the text.**

- **a.** The formation of quasars.
- **b.** The location of quasars.
- **c.** General description of quasars.

**5. What or who do the underlined words refer to in the text?**

**a.** **they**(§1) **b.** **these objects** (§2) **c.** **we** (§3)

**B/ Text Exploration** **(07pts)**

**1. Find in the text words that are opposite to the following.**
**a.** close (§1) **b.** weak (§2) **c.** tiny (§2) **d.** released (§3)

**2. Divide the following words into roots and affixes.**
disappearance - extremely - radiation - unidentified

| prefix | root | suffix |
|---|---|---|
| | | |
| | | |
| | | |
| | | |

**3. Rewrite sentence (b) so that it means the same as sentence (a).**
**1. a.** A quasar is believed to be a super massive black hole.
**b.** We.....................................................
**2. a.** Quasars are the furthest objects from our galaxy.
**b.** No other object is....................................

**4. Classify the words according to the number of their syllables.**
structure - sucked - gravity – billion

| One Syllable | Two Syllables | Three Syllables |
|---|---|---|
| | | |

**5. Imagine what 'A' says and complete the following dialogue.**
**A:** ..........................................................
**B:** No, quasars are the farthest stars from our galaxy.
**A:** ..........................................................
**B:** They are 10-15 billion light years away.
**A:** ..........................................................
**B:** They are visible to us as faint red stars.

**PART TWO: Written Expression** **(05pts)**
Choose **ONE** of the following topics:

**Topic One:** Using the notes below, write a composition of 120-150 words to describe the planet Mercury.
- Mercury: the Roman version of the god Hermes
- very small planet/ the closest to the sun/ the hottest planet
- diameter: 4876 km / orbits the sun: 87.969 days
- looks like the moon/ has craters and basins
- no air/ no water/ presence of hydrogen and helium gases

**Topic Two:** Young people who are addicted to fast foods are the most likely to become obese. Write a composition of 120-150 words stating the main causes of obesity, its dangers and how to control it.

| العلامة | | |
|---|---|---|
| مجموع | مجزأة | عناصر الإجابة (الموضوع الأول) |

**PART ONE: Reading (15pts)** **There is a new phrase……**

08 pts

**A/ Comprehension (08pts)**

01 pt — 01
1. The text is: **b.** a speech

02 pts — 0.5x4
2. **a.** True **b.** False **c.** True **d.** True

03 pts — 01x3
3. **a.** It refers to social, environmental and financial aspects/ people, planet and profits.
   **b.** Yes, because for him it is necessary to walk the talk and translate the concept into the reality of running a business such as ours.
   **c.** Because it's hard to be honest and self critical in a public way.

1 pt — 0.5 x 2
4. **a.** in §2
   **b.** in §3

01 pt — 0.5x2
5. **a.** this concept (Triple Bottom Line)
   **b.** a private company

07 pts

**B/ Text Exploration: (07pts)**

01.5 pt — 0.5x3
1. a. concept b. sufficient c. customer

01.5 pt — 0.25x6
2.

| verb | noun | adjective |
|---|---|---|
| to finance | finance / financier | ............................ |
| to measure | ................................ | measurable/ measured |
| ....................... | translation/translator | translated/ translatable |

01 pt — 0.5 x2
3. **a.** Some companies are unethical; therefore, it's hard for them to reveal their financial situation/ Because some companies are unethical, it's hard for them to reveal their financial situation.
   **b.** Provided that a company acts responsibly, it will gain the confidence of its stakeholders.

01.5pts — 0.25x6
4.

| /s/ | /z/ | /iz/ |
|---|---|---|
| profits | legs | recognises |
| groups | failures | judges |

01.5pts — 0.5x3
5. **1. c** **2. b** **3. d** **4. a** ( **NB.** 1 pair = 0.5)

05 pts

**PART TWO: Written Expression: (05 pts)**

**Topic 1:** form : 03pts.
content : 02 pts

**Topic 2:** form : 2.5pts
content : 2.5pts.

| العلامة | | عناصر الإجابة ( الموضوع الثاني) |
|---|---|---|
| مجموع | مجزأة | |
| 08 pts | | **PART ONE: Reading (15pts)** **Quasars are extremely.......**<br>**A/ Comprehension(08pts)** |
| 1 pt | 01 | **1. b**. descriptive |
| 1.5pts | 0.5x3 | **2. A.** c **B.** a **C.** c |
| 3 pts | 01x3 | **3. a.** Because they are so far away/ the furthest objects away from our galaxy.<br>**b.** The massive collision of matter causes a gigantic explosive output of radiation, energy and light. The result is a massive collision that causes a gigantic explosive output of radiation energy and light.<br>**c.** The distance in the outer space is measured in light years. |
| 1 pt | 01 | **4. c** |
| 1.5 pt | 0.5x3 | **5. a.** they: quasars/distant (furthest objects)<br>**b.** these objects: gas, other stars and small galaxies.<br>**c.** we: readers/people/astronomers, etc. |
| 07 pts | | **B/ Text Exploration(07pts)** |
| 1 pt | 0.25x4 | **1. a.** distant/far **b.** strong **c.** gigantic/ massive **d.** absorbed |
| 2 pts | 0.5x4 (each line) | **2.** |

| prefix | root | suffix |
|---|---|---|
| dis | appear | ance |
| | extreme | ly |
| | radiate/ radiat | ion |
| un | identify/ identifi | ed |

| مجموع | مجزأة | عناصر الإجابة |
|---|---|---|
| 1.5 pt | 0.75x2 | **3. b. 1.** We believe a quasar to be a super massive black hole.<br>We believe that a quasar is a super massive black hole.<br>**b. 2.** No object is further /farther/more distant than quasars in our galaxy. |
| 1 pt | 0.25x4 | **4.** Sound system: - One syllable: sucked<br>- Two syllables: structure, billion<br>- Three syllables: gravity |
| 1.5 pt | 0.5x3 | **5. A1:** Are quasars near /close to our galaxy?<br>**A2:** How far/distant are they from us?<br>**A3:** How do they appear to us?<br>( **NB.** Accept any correct answer) |
| 05 pts | | **PART TWO: Written Expression (05 pts)**<br>**Topic 1:** form : 03 pts<br>Content : 02 pts<br><br>**Topic 2:** form : 2.5 pts<br>content : 2.5 pts |



(*) الشعبة : خاص بامتحان البكالوريا / السلك: خاص بالامتحانات المهنية.